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FORM (REV. 1	PTO-139( 1-2000)	0 (Modified) U.S. DEPARTMENT OF COM	ATTORNEY'S DOCKET NUMBER						
Ì			TO THE UNITED STATES	18524					
		DESIGNATED/ELECTE	D OFFICE (DO/EO/US)	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)					
	ı	CONCERNING A FILIN	G UNDER 35 U.S.C. 371	Unas 12191/518564					
INTE		IONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
		CT/JP2003/007572	13 June 2003 (13.06.2003)	20 June 2002 (20.06.2002)					
ARF	RAY A	NVENTION ANTENNA RECEIVER DEV	'ICE						
APPLICANT(S) FOR DO/EO/US  Tomohiro Azuma									
Appl	icant ł	nerewith submits to the United Sta	tes Designated/Elected Office (DO/EO/US	S) the following items and other information:					
1.	<u> </u>		-						
2.		This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.  This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.							
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.							
<b>1</b> <sub>4.</sub>	X	The US has been elected by the	expiration of 19 months from the priority d	date (Article 31).					
5.	×	A copy of the International Appli	ication as filed (35 U.S.C. 371 (c) (2))						
٠		a.   is attached hereto (requ	tired only if not communicated by the Inter	rnational Bureau).					
		b. 🗵 has been communicated	by the International Bureau.						
		c. $\Box$ is not required, as the a	pplication was filed in the United States R	Receiving Office (RO/US).					
6.	×	An English language translation	of the International Application as filed (3:	5 U.S.C. 371(c)(2)).					
		a. 🗵 is attached hereto.							
		b.   has been previously sub	omitted under 35 U.S.C. 154(d)(4).						
7.	$\boxtimes$	Amendments to the claims of the	International Application under PCT Artic	cle 19 (35 U.S.C. 371 (c)(3))					
		a.   are attached hereto (req	uired only if not communicated by the Inte	ernational Bureau).					
		b.   have been communicated.	ed by the International Bureau.						
		c. $\square$ have not been made; ho	wever, the time limit for making such ame	endments has NOT expired.					
		d. 🗵 have not been made and	I will not be made.						
8.			of the amendments to the claims under PC	CT Article 19 (35 U.S.C. 371(c)(3)).					
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).							
10.	_	An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).							
11.	$\boxtimes$	A copy of the International Preliminary Examination Report (PCT/IPEA/409).							
12.	$\boxtimes$	A copy of the International Search	h Report (PCT/ISA/210).						
I	tems 1	13 to 20 below concern documen	t(s) or information included:						
13.		An Information Disclosure State	ement under 37 CFR 1.97 and 1.98.						
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
15.	$\boxtimes$	A FIRST preliminary amendment.							
16.		A SECOND or SUBSEQUENT preliminary amendment.							
17.		A substitute specification.							
18.		A change of power of attorney and/or address letter.							
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.							
20.		A second copy of the published international application under 35 U.S.C. 154(d)(4).							
21.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
22.	×	Express Mail Label No. <u>EV 213895728 US</u>							
23.	$\boxtimes$	Other items or information:							
		Nine (9) sheets of drawings Assignee: NEC Corporation of	Tokyo, Japan						

Ú.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) INTERNATIONAL APPLICATION NO.					ATTORNEY'S DOCKET NUMBER		
	18564	PCT/JP2003/00	1572		18	3524	
	owing fees are submitted:.			L	CALCULATIONS	PTO USE ONLY	
☐ Neither interninterninternational	L FEE (37 CFR 1.492 (a) (1) - national preliminary examination search fee (37 CFR 1.445(a)(2)) onal Search Report not prepared	80.00					
☐ International	preliminary examination fee (37) nternational Search Report prepare	7 CFR 1.482) not paid to	\$92	20.00			
☐ International	preliminary examination fee (37 onal search fee (37 CFR 1.445(a)	7 CFR 1.482) not paid to USP	го <b>\$7</b> 7	70.00			
☐ International but all claims	The state of the s						
☐ International and all claims	preliminary examination fee (37 s satisfied provisions of PCT Ar	ticle 33(1)-(4)		00.00			
	ENTER APPROPRI	ATE BASIC FEE AM	IOUNT =		\$1,000.00		
months from the earl	0 for furnishing the oath or declar liest claimed priority date (37 C	FR 1.492 (e)).			\$130.00		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATI		•••••		
Total claims	* 14 - 20 =	0	x \$18.0		\$0.00		
Independent claims	* 4 - 3 =	1	x \$200.	00	\$200.00		
Multiple Dependent	Claims (check if applicable).	ADOVE CALCIII A	LIONE	_	\$0.00		
		ABOVE CALCULA	<u>-                                      </u>	=  -	\$1,330.00		
☐ Applicant claim reduced by 1/2.	ns small entity status. See 37 CF	R 1.27. The fees indicated abo	ove are		\$0.00		
		SUE	TOTAL	=	\$1,330.00		
Processing fee of \$13 months from the earl	30.00 for furnishing the English liest claimed priority date (37 C	0 +	\$0.00				
		TOTAL NATIONA	L FEE	=	\$1,330.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).					\$0.00		
		TOTAL FEES ENCI	LOSED	=	\$1,330.00		
*CLAIM CALC	ULATION BASED ON CLA	AIMS AS AMENDED BY	· · · · · · · · · · · · · · · · · · ·	A	mount to be: refunded	\$	
PRELIMINARY	AMENDMENT BEING FI	LED CONCURRENTLY HE	EREWITH.		charged	\$	
a. 🔀 A che	eck in the amount of \$1.330	0.00 to cover the above fe	es is enclose	d.			
d. 🔲 Fees	are to be charged to a credit card	d. <b>WARNING:</b> Information or					
infor	mation should not be included	on this form. Provide credit	card informa	tion and	authorization on P	10-2038.	
NOTE: Where an a 1.137(a) or (b)) mus	appropriate time limit under 3 st be filed and granted to resto	37 CFR 1.494 or 1.495 has no ore the application to pending	ot been met, g status.	a petitio	on to revive (37 C	FR	
SEND ALL CORRE		-	110	/			
Paul J. Essato, Jr. Registration No. 30	0.740		SIGNATURE				
_	o, 749 ', MURPHY & PRESSER		Paul I Featto Iv				
400 Garden City P	Plaza, Suite 300		Paul J. Esatto, Jr.				
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РЈЕ/еј			REGISTRATION NUMBER				
l			Decemb	er 20, 2	2004		
			DATE				

10/518564 DT12 Rec'd PCT/PTO 20 DEC 2004

		BIIZ NECU	FUT/FIU 2 () DEC 2001							
•	F MAILING Y "EXPRESS iro Azuma	MAIL" (37 CFR 1.10)	Docket No. 18524							
Serial No.	Filing Date	Examiner	Group Art Unit							
Unassigned	Herewith	Unassigned	Unassigned							
Invention: ARRAY ANTENNA RECEIVER DEVICE										
			<u>-</u>							
I hereby certify that	the following correspondence:									
New U.S. Patent Ap	plication Under 35 U.S.C. 371									
	Adentify type	of correspondence								
(Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under										
		nmissioner for Patents, P.O. Box								
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	December 20, 2004 (Date)									
	Paul J. Esatto, Jr.  (Typed or Printed Name of Person Mailing Correspondence)									
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(Signature of Person/Mailing Correspondence)										
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